BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZON

Executive Engir
Byatarayanapura D
B.B.M.P., Bangalc

DRAFT TENDER SCHEDULE

Issued to : **Original / Dupli**

Name of the Work : Construction of Yoga and Meditation Building near Hopcoms at Vidy Ward No. 09 (Change of Place to Construction of Library Building at HMT Layout 1st Bloc 09, Vidyaranyapura Sub Division (Phase - 3).

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	
1	15.43	Providing and laying pattern flooring **for staircase treads and risers using the combination of 20mm thick ruby red granite** @66%,22m thick grey granite @20%,20mm thick shiva goldgranite 7%,20 mm thick black granite 7%.The Granite materials are laid on exsiting bed of CM 1:3 20mm thick pointed withcolour pigment. including full rounding for nosing, flaming the rubygranite for 50mm wide curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	5203.54	
2	18.10	**Providing and fixing of wall cladding 20mm thick gangswa water cut gold granite**, grey granite in CM 1:3Proporation cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colourpigments to match the colour of slab making through jointing with sealan, making holes 25mm x12mm groves in joints including curing etc complete as per specifications and directions of engineer in charge of the	Sqm	4326.92	
3	39.42	**Providing skirting dodo, rises of steps with colour glazed tiles 20x20** cms 6mm thick on 10mm thickcement plaster 1:3 and joint with white cement surry over rough plaster surface (excluding cost of rough plastered surfacewhich should be measured and paid separately) using glazedtiles of approved make and size including cost of materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	890.00	
4	0.49	**Providing Honne wood frames of doors,** windows, cleretory windows, ventilators and other frames, wrought framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps) but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work.	Sqm	105456.22	
5	15.23	Providing and fixing in position **fully panelled Mathi/nandi wood shutters for doors,** styles and rails of 40mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick, including cost of materials, labour, HOM of machineries complete as per specifications, (excluding cost of fixtures) etc complete as per specifications and directions of engineer in charge of the work.	Sqm	3725.90	

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6	63.18	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weight 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns, including cutting to required length, joints mitred subdividing the frame tenonned and riveted in the assembled frame stiffened with end clops at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections	Sqm	3726.96	
7	1338.12	**Providing and fixing M.S.grill work** for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S. flats and square rods as per approved design, drawning including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Kgs	95.40	
8	822.77	**Providing and applying two coats with oil bound washable distemper** of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, etc complete as per specifications and directions of engineer in charge of the work.	Sqm	59.36	
9	339.57	Providing and finishing **external walls in two coats with water proof cement paint** of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, etc complete as per specifications and directions of engineer in charge of the work.	Cum	78.44	
10	3.78	Providing and fixing in position collapsible steel stutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5 cms openings at 10 cms. c to c applying a priming coat of re lead paint, cost of materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Sqm	4306.78	
11	40.00	Providing and fixing in wall surface 4 kg/sq.cm **H.D.P.E. rain down water pipes 90 mm** outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.	m	447.32	
12	3.00	Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Unit	3773.60	

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				In Figures	
13	3.00	Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid plastic seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours etc complete as per specifications and directions of engineer in charge of the work.	Each	5148.42	
14	150.00	Providing and fixing to wall, ceiling and floor, low density poluethylene pipes kgs/sq.cm working pressure **32mm** outside diameter, compression type fittings, wall clips, making good the wall ceiling and floor cost of materials, labour charges HOM of equipments and testing exeluding cost of fittings,etc complete as per specifications and directions of engineer in charge of the work.	M	186.56	
15	60.00	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 32mm dia nominal bore with fittings (medium grade weight 3.23 kg/mtr) etc complete as per specifications and directions of engineer in charge of the work.	M	354.04	
16	8.00	Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 32mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc complete as per specifications and directions of engineer in charge of the work.	Each	997.46	
17	15.00	Providing and fixing unplasticised PVC connection pipe with brass union 15mm nominal bore 300 mm length of PVC connection including cost of all materials, labour and HOM of equipments etc complete as per specifications and directions of engineer in charge of the work.	Set	888.28	
18	20	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments etc complete as per specifications and directions of engineer in charge of the work.	Each	192.44	
19	1500	Supppying water storage tanks made of virgin polymer (LLDPE) with two layers outer black of blue and inner white layer of approved quality and make, conforming to etc complete as per specifications and directions of engineer in charge of the work.	L	6.36	
20	100.00	Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary 32 mm dia 2.5mm thick etc complete as per specifications and directions of engineer in charge of the work.	Mtrs	68.00	
21	4	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work 10"X7"X3" (300X228X76mm) etc complete as per specifications and directions of engineer in charge of the work.	Each	68.00	
21A	4	8"X6"X3" (300X228X76mm)	Sqm	52.00	
22	15	Supplying and fixing PVC/metal conduit accessories special type Junction Box 32 mm Junction Box etc complete as per specifications and directions of engineer in charge of the work.	Each	29.00	
22A	8	Deep 32 mm Junction Box	Each	33.00	
22B	8	Fan Box 18 /SWG	Sqm	57.00	

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23	10.00	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet Point Wiring using Class A Materials a) Short point upto 3Mtr from tapping point to out let via switch etc complete as per specifications and directions of engineer in charge of the work.	Each	175.00	
23A	15.00	**b) Medium point above 3mtr** upto 6mtr from tapping point to out let via switch	m	260.00	
23B	15.00	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch	Mtrs	368.00	
24	4	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box 1 to 3 Modular etc complete as per specifications and directions of engineer in charge of the work.	Each	82.00	
24A	8	8 Modular	Each	175.00	
25	40	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate 6Amps one way switch etc complete as per specifications and directions of engineer in charge of the work.	Each	96.00	
25A	10	6Amps 3way Socket.	Each	165.00	
25B	13	Stepped Fan Regulator	Each	520.00	
26	16	Supplying Surface mounted type mirror optic luminaries for single/Twin 36/40 watts fluorscent lamps cross rising of stove enameled deep coloured M.S.Low profile housing complete with all accessories and high purity anodzed aluminum reflector assembling along with cross louvers including necessary fluorescent tubes with low loss open construction copper wound ferromagnetic ballast, starters Group 'A' etc complete as per specifications and directions of engineer in charge of the work.	Each	1950.00	
27	13	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2010-11 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard 56" Sweep (1400 mm) etc complete as per specifications and directions of engineer in charge of the work.	Each	1950.00	
28	1	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box Group A etc complete as per specifications and directions of engineer in charge of the work.	Each	630.00	
29	10	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps etc complete as per specifications and directions of engineer in charge of the work.	No	60.00	
30	10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required 5-32 Amps etc complete as per specifications and directions of engineer in charge of the work.	Each	560.00	
31	2	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20"x20"x2.5" etc complete as per specifications and directions of engineer in charge of the work.	Each	285.00	

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32	3	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers 32 Amps etc complete as per specifications and directions of engineer in charge of the work.	Each	100.00	
33	2	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit.. The pit should be filled with equal proprotion of salt and charcol 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3 of Is 732 using 12mm dia nuts, washers and checknuts etc the pipe shall have 16 through holes of 122 mm dia etc complete as per specifications and directions of engineer in charge of the work.	No	1950.00	
34	40.00	INSULATED CABLE ON MESSENGER WIRE Using 2 single core wires for a single phas and 4 single core wies for 3 phase supplying and stringing PVC insulated and PVC sheathed 650/1100V class aluminium conductor of size supported by 3.15mm (10 SWG) GI messenger wire with two breaks insulators, one at each end of the span wit suspenders at intervals of 0.75m. Each suspender shall be of porcelain reel insulator of suitable core through which insulated wire passes (single core or twin core as the case may be) and this reel insulator shall be fixed to the messanger wire using 2mm (No. 14SWG) GI wire suitably bent and twisted. Separate reel insulated shall be provided for each wire the messanger wire shall be bed-ended on the clamp provided to the departmental pole wide item No. 4 above c) 6 Sqmm etc complete as per specifications and directions of engineer in charge of the work.	Mtr	45.00	

Signture of the Contractor

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ಅನುಮೋದನೆ ನೀಡಿಲಾಗಿದೆ

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